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(71) Applicant: NIPPON NOHYAKU CO LTD

(72) Inventor:  
YAMAMOTO KENJI  
MATSUI YOSHIMITSU  
HORIUCHI KENJI  
NAGAMINE MASASHI

## (54) IMIDAZO(1,2-A)PYRIDINE DERIVATIVE AND ITS PRODUCTION AND USE

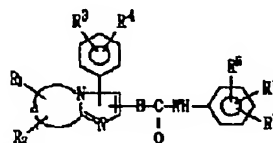
(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a new imidazo[1,2-a]pyridine derivative which has excellent ACAT-inhibitory action and is useful in treatment for hypercholesterolemia and atherosclerosis.

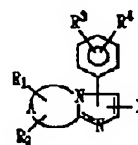
SOLUTION: This new imidazopyridine is represented by formula I [ $R^1$  and  $R^2$  are each H, a halogen, a 1-10C alkyl, a 1-8C alkoxy, a 1-8C monoalkylamino;  $R^1$  and  $R^2$  may be incorporated into each other to form a 3-5C alkylene;  $R^3$ - $R^7$  are each H, a halogen, a 1-10C alkyl, a 1-8C alkoxy, a 2-12C dialkylamino; A is  $-\text{CH}=\text{CH}-\text{CH}=\text{CH}-$ ,  $-(\text{CH}_2)_4-$ ; B is  $-\text{NH}-$ ,  $-\text{CH}_2-\text{NR}^8-$  ( $R^8$  is H, a 1-10C alkyl)], for example,

N-[3-(2-chlorophenyl)-5-methylimidazo[1,2-a]pyridin-2-yl]  
N'-(2,6-diisopropylphenyl)urea. The compound of formula I is prepared by reaction of a compound of formula II (X is  $-\text{NH}_2$ ,  $-\text{NCO}$ ) with a compound of formula III (Y is  $-\text{NCO}$  in case that X is  $-\text{NH}_2$ ).

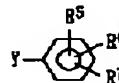
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I



II



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